

**AMENDMENTS TO THE SPECIFICATION**

**Please amend paragraph [0041] as follows:**

[0041] The term "substrate" is to be understood as a semiconductor-based material including silicon, ~~silicon-on-insulator~~ silicon-on-insulator (SOI) or silicon-on-sapphire (SOS) technology, doped and undoped semiconductors, epitaxial layers of silicon supported by a base semiconductor foundation, and other semiconductor structures. Furthermore, when reference is made to a "substrate" in the following description, previous process steps may have been utilized to form regions or junctions in the base semiconductor structure or foundation. In addition, the semiconductor need not be silicon-based, but could be based on silicon-germanium, germanium, or gallium arsenide.